

★TOZA U11 U12 98-473342/41 ★JP 10200168-A
 Light emitting diode lamp - has parabolic reflecting surface formed on mould which reflects light projected upwards from LED so that reflected light radiates from radiation surface along direction parallel to surface of substrate

TOYODA GOSEI KK 97.01.14 97JP-004852

(98.07.31) I101L 33/00

The lamp has a substrate on which LEDs (16,17) are mounted. The LED emits light upwards. A mould (19) is formed on the LED. A convex radiation surface (19b) is formed in the side surface of the mould.

A parabolic reflecting surface (19a) is formed on upper portion of mould. The light emitted from the LED is radiated from the radiation surface of the mould in a direction parallel to substrate surface.

ADVANTAGE - Occupies less mounting space by erecting light emitting diode vertically. Obtains light of uniform colour mixture. (18pp Dwg.No.1/20)

N98-369644

U11-D01B1 U11-D01C9 U12-A01A4

